

UV-17



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Edward B. Knudson, Michael D. Ellis, Benjamin W. Herrington, Steven C. Williamson, Pamela L. McKissick, William L. Thomas, David M. Berezowski, Kenneth F. Carpenter, Jr., Jeffrey A. Ross, Daniel C. Hagenbuch, Steven J. Reynolds, and David M. Rudnick

Serial No. : Not Yet Assigned

Filed : Concurrently Herewith

For : INTERACTIVE PROGRAM GUIDE SYSTEM AND METHOD

Group Art Unit :

Examiner :

Hon. Assistant Commissioner
for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97,
applicants wish to call the attention of the Examiner to the
following documents:

U.S. Patents

George et al.	U.S. Pat. No. 4,355,415	(10/19/82)
Chard	U.S. Pat. No. 4,605,964	(8/12/86)
Harvey et al.	U.S. Pat. No. 4,694,490	(9/15/87)
Hayes	U.S. Pat. No. 4,718,107	(1/5/88)
Welsh	U.S. Pat. No. 4,857,999	(8/15/89)
Kinghorn	U.S. Pat. No. 4,908,707	(3/13/90)
Vogel	U.S. Pat. No. 4,930,158	(5/29/90)
Duffield et al.	U.S. Pat. No. 4,959,720	(9/25/90)
Young	U.S. Pat. No. 4,977,455	(12/11/90)
Ando	U.S. Pat. No. 5,109,279	(4/28/92)
Mankovitz	U.S. Pat. No. 5,134,719	(7/28/92)

Bradley et al.	U.S. Pat. No. 5,172,413	(12/15/92)
Bronfin et al.	U.S. Pat. No. 5,200,822	(4/6/93)
Vogel	U.S. Pat. No. 5,253,066	(10/12/93)
Harvey et al.	U.S. Pat. No. 5,335,277	(8/2/94)
Kwoh et al.	U.S. Pat. No. 5,382,983	(1/17/95)
Hoarty	U.S. Pat. No. 5,412,720	(5/2/95)
Blahut et al.	U.S. Pat. No. 5,442,389	(8/15/95)
Hoarty	U.S. Pat. No. 5,485,197	(1/16/96)
Dunn et al.	U.S. Pat. No. 5,517,257	(5/14/96)
Clanton, III et al.	U.S. Pat. No. 5,524,195	(6/4/96)
Blahut et al.	U.S. Pat. No. 5,539,449	(7/23/96)
Mankovitz	U.S. Pat. No. 5,541,738	(7/30/96)
Klosterman	U.S. Pat. No. 5,550,576	(8/27/96)
Baker et al.	U.S. Pat. No. 5,583,561	(12/10/96)
Wanderscheid et al.	U.S. Pat. No. 5,583,563	(12/10/96)
Lawler et al.	U.S. Pat. No. 5,585,838	(12/17/96)
Knee et al.	U.S. Pat. No. 5,589,892	(12/31/96)
Lett et al.	U.S. Pat. No. 5,592,551	(1/7/97)
Wanderscheid et al.	U.S. Pat. No. 5,602,582	(2/11/97)
Roop et al.	U.S. Pat. No. 5,619,274	(4/8/97)
Youman et al.	U.S. Pat. No. 5,629,733	(5/13/97)
Aristides et al.	U.S. Pat. No. 5,630,119	(5/13/97)
Alten et al.	U.S. Pat. No. 5,635,978	(6/3/97)
Rothmuller	U.S. Pat. No. 5,635,989	(6/3/97)
Matthews, III	U.S. Pat. No. 5,654,748	(8/5/97)
Zereski, Jr. et al.	U.S. Pat. No. 5,654,886	(8/5/97)
Aristides et al.	U.S. Pat. No. 5,657,072	(8/12/97)
Thomas et al.	U.S. Pat. No. 5,666,645	(9/9/97)
Klosterman	U.S. Pat. No. 5,684,525	(11/4/97)
Harrison	U.S. Pat. No. 5,694,163	(12/2/97)
Bruette et al.	U.S. Pat. No. 5,694,176	(12/2/97)
Lawler et al.	U.S. Pat. No. 5,699,107	(12/16/97)
Janin et al.	U.S. Pat. No. 5,717,452	(2/10/98)
Dunn et al.	U.S. Pat. No. 5,721,829	(2/24/98)
Clanton, III et al.	U.S. Pat. No. 5,745,710	(4/28/98)
Girard et al.	U.S. Pat. No. 5,751,282	(5/12/98)
Faust et al.	U.S. Pat. No. 5,752,159	(5/12/98)
Epperson et al.	U.S. Pat. No. 5,754,771	(5/19/98)
Smith et al.	U.S. Pat. No. 5,754,940	(5/19/98)
Lawler	U.S. Pat. No. 5,758,259	(5/26/98)
Ellis et al.	U.S. Pat. No. 5,760,821	(6/2/98)
Stumm	U.S. Pat. No. 5,768,528	(6/16/98)
Cathey et al.	U.S. Pat. No. 5,778,182	(7/7/98)
Sheehan	U.S. Pat. No. 5,781,226	(7/14/98)
Sposato	U.S. Pat. No. 5,781,228	(7/14/98)
Alten et al.	U.S. Pat. No. 5,781,246	(7/14/98)
Bedard	U.S. Pat. No. 5,793,438	(8/11/98)
Davis et al.	U.S. Pat. No. 5,796,952	(8/18/98)
Schein et al.	U.S. Pat. No. 5,801,787	(9/1/98)
Karlton et al.	U.S. Pat. No. 5,802,284	(9/1/98)
Thompson et al.	U.S. Pat. No. 5,805,204	(9/8/98)

Lawler et al.	U.S. Pat. No. 5,805,763	(9/8/98)
Laursen et al.	U.S. Pat. No. 5,805,804	(9/8/98)
Usui et al.	U.S. Pat. No. 5,808,694	(9/15/98)
Young et al.	U.S. Pat. No. 5,809,204	(9/15/98)
Rowe et al.	U.S. Pat. No. 5,812,123	(9/22/98)
Howe et al.	U.S. Pat. No. 5,818,438	(10/6/98)
Nelson	U.S. Pat. No. 5,819,019	(10/6/98)
Klosterman	U.S. Pat. No. 5,828,945	(10/27/98)
Coleman et al.	U.S. Pat. No. 5,844,620	(12/1/98)
Lemmons et al.	U.S. Pat. No. 5,880,768	(3/9/99)
Marshall et al.	U.S. Pat. No. 5,892,498	(4/6/99)

Foreign Patents

PCT Patent App. Publ. No.	WO 88/04507	(6/16/88)
PCT Patent App. Publ. No.	WO 95/01059	(1/5/95)
PCT Patent App. Publ. No.	WO 95/32583	(11/30/95)
PCT Patent App. Publ. No.	WO 96/41471	(12/19/96)
PCT Patent App. Publ. No.	WO 97/13368	(4/10/97)
PCT Patent App. Publ. No.	WO 97/34414	(9/18/97)
PCT Patent App. Publ. No.	WO 97/46943	(12/11/97)
PCT Patent App. Publ. No.	WO 97/47124	(12/11/97)
PCT Patent App. Publ. No.	WO 97/48230	(12/18/97)
PCT Patent App. Publ. No.	WO 98/26596	(6/18/98)
PCT Patent App. Publ. No.	WO 98/39893	(9/11/98)
PCT Patent App. Publ. No.	WO 98/43183	(10/1/98)
PCT Patent App. Publ. No.	WO 98/47287	(10/22/98)
PCT Patent App. Publ. No.	WO 98/56173	(12/10/98)
PCT Patent App. Publ. No.	WO 99/03267	(1/21/99)
PCT Patent App. Publ. No.	WO 99/03271	(1/21/99)

Other Documents

Matthew D. Miller, A Scenario for the Deployment of Interactive Multimedia Cable Television Systems in the United States in the 1990's, (©1994), pages 585-589.

"Electronic Programme Guide (EPG); Protocol for a TV Guide using electronic data transmission" by European Telecommunication Standards Institute, May 1997, Valbonne, France, publication no. ETS 300 707.

Hartwig, Rautenberg, Bollmann, "Broadcasting and Processing of Program Guides for Digital TV", SMPTE Journal, pp. 727-732, October 1997.

"Passport Complete Feature Set", from the Internet at <http://www.pioneerdigital.com/prod/passport/passdfts.htm>, printed on 5/19/99, the document bears a copyright date of 1999.

These documents are listed on the accompanying Form PTO-1449 (submitted in duplicate) and copies are enclosed herewith.

Applicants also wish to bring to the attention of the Examiner the following pending U.S. patent applications:

Knudson et al. Patent Application Serial No. 09/070,555
(filed April 30, 1998)

Knudson et al. Patent Application Serial No. 09/070,604
(filed April 30, 1998)

Consideration of the foregoing in relation to this patent application is respectfully requested.

Respectfully submitted,



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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
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STATEMENT BY APPLICANTS

APPLICANTS

Edward B. Knudson, et al.

FILING DATE
Concurrently Herewith

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,355,415	10/19/82	George et al.	455	185	
	4,605,964	8/12/86	Chard	358	147	
	4,694,490	9/15/87	Harvey et al.	380	20	
	4,718,107	1/5/88	Hayes	455	4	
	4,857,999	8/15/89	Welsh	358	84	
	4,908,707	3/13/90	Kinghorn	358	147	
	4,930,158	5/29/90	Vogel	380	5	
	4,959,720	9/25/90	Duffield et al.	358	191.1	
	4,977,455	12/11/90	Young	358	142	
	5,109,279	4/28/92	Ando	358	147	
	5,134,719	7/28/92	Mankovitz	455	154	
	5,172,413	12/15/92	Bradley et al.	380	20	
	5,200,822	4/6/93	Bronfin et al.	358	142	
	5,253,066	10/12/93	Vogel	358	188	
	5,335,277	8/2/94	Harvey et al.	380	20	
	5,382,983	1/17/95	Kwoh et al.	348	716	
	5,412,720	5/2/95	Hoarty	380	15	
	5,442,389	8/15/95	Blahut et al.	348	7	
	5,485,197	1/16/96	Hoarty	348	7	
	5,517,257	5/14/96	Dunn et al.	348	734	
	5,524,195	6/4/96	Clanton, III et al.	395	155	
	5,539,449	7/23/96	Blahut et al.	348	7	
	5,541,738	7/30/96	Mankovitz	358	335	
	5,550,576	8/27/96	Klosterman	348	6	
	5,583,561	12/10/96	Baker et al.	348	7	
	5,583,563	12/10/96	Wanderscheid et al.	348	13	
	5,585,838	12/17/96	Lawler et al.	348	13	
	5,589,892	12/31/96	Knee et al.	348	731	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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	5,602,582	2/11/97	Wanderscheid et al.	348	12	
	5,619,274	4/8/97	Roop et al.	348	461	
	5,629,733	5/13/97	Youman et al.	348	7	
	5,630,119	5/13/97	Aristides et al.	395	601	
	5,635,978	6/3/97	Alten et al.	348	7	
	5,635,989	6/3/97	Rothmuller	348	563	
	5,654,748	8/5/97	Matthews, III	348	13	
	5,654,886	8/5/97	Zereski, Jr. et al.	364	420	
	5,657,072	8/12/97	Aristides et al.	348	13	
	5,666,645	9/9/97	Thomas et al.	455	6.1	
	5,684,525	11/4/97	Klosterman	348	12	
	5,694,163	12/2/97	Harrison	348	13	
	5,694,176	12/2/97	Bruette et al.	348	563	
	5,699,107	12/16/97	Lawler et al.	348	13	
	5,717,452	2/10/98	Janin et al.	348	7	
	5,721,829	2/24/98	Dunn et al.	395	200.49	
	5,745,710	4/28/98	Clanton, III et al.	395	327	
	5,751,282	5/12/98	Girard et al.	345	327	
	5,752,159	5/12/98	Faust et al.	455	5.1	
	5,754,771	5/19/98	Epperson et al.	395	200.33	
	5,754,940	5/19/98	Smith et al.	455	5.1	
	5,758,259	5/26/98	Lawler	455	5.1	
	5,760,821	6/2/98	Ellis et al.	348	10	
	5,768,528	6/16/98	Stumm	395	200.61	
	5,778,182	7/7/98	Cathey et al.	395	200.49	
	5,781,226	7/14/98	Sheehan	348	6	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER
INITIAL

Matthew D. Miller, A Scenario for the Deployment of Interactive Multimedia Cable Television Systems in the United States in the 1990's, (©1994), pages 585-589.

"Electronic Programme Guide (EPG); Protocol for a TV Guide using electronic data transmission" by European Telecommunication Standards Institute, May 1997, Valbonne, France, publication no. ETS 300 707.

Hartwig, Rautenberg, Bollmann, "Broadcasting and Processing of Program Guides for Digital TV", SMPTE Journal, pp. 727-732, October 1997.

"Passport Complete Feature Set", from the Internet at <http://www.pioneerdigital.com/prod/passport/passdfts.htm>, printed on 5/19/99, the document bears a copyright date of 1999.

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